

UTILITY PATENT APPLICATION TRANSMITTAL

Our Docket No.: 14097.01

First Named Inventor: Michael R. Oldenburg

Title: **IMPROVED SEAL FOR A SHAFT**

Express Mail No.: EV 325427172 US

17858 U.S. PTO
10/706443



ADDRESS TO:

Mail Stop **PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
3. ☒ Specification with Cover Sheet Total Pages: 10
 - ☒ Descriptive title of the invention
 - ☒ Cross Reference to Related Applications
 - ☐ Statement Re: Fed. Sponsored R&D
 - ☐ Reference to Microfiche Appendix
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawings
 - ☒ Detailed Description
 - ☒ Claims
 - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 5
5. ☒ Oath or Declaration Total Pages: 2
 - a. ☐ Newly Executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 19 completed)
 - i. ☐ **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☒ Information Disclosure Statement
(with Copies of Citations as necessary)
14. ☐ Preliminary Amendment Total Pages:
15. ☐ Certified Copy of Priority document(s)
(if foreign priority is claimed)
16. ☐ English Translation Document (if applicable)
17. ☒ Return Receipt Postcard
(Should be specifically itemized)
18. ☒ Other
 - ☒ Check No. 973136 for \$770.00
 - ☐
 - ☐
 - ☐
 - ☐
 - ☐

CONTINUATION APPLICATIONS

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

- ☒ Continuation
- ☐ Division
- ☐ Continuation-in-Part (CIP)

of PRIOR APPLICATION

No. 09/999,654, filed October 31, 2001
and also claims priority from

_____, dated _____.

For CONTINUATION or DIVISIONAL APPLICATIONS: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.

CORRESPONDENCE ADDRESS

ADDRESS

CUSTOMER NUMBER

25763

DORSEY & WHITNEY LLP
Intellectual Property Department
Suite 1500
50 South Sixth Street
Minneapolis, MN 55402-1498

TELEPHONE

612-340-8835

FAX

612-340-8856

Attorney Name: S. Wade Johnson

Reg. No. 50,873

Signature:

S. Wade Johnson

Date:

11-12-03

111203

17698
U.S. PTO

APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

Complete if Known

Application No.	Not Yet Known
Filing Date	Herewith
First Named Inventor	Michael R. Oldenburg
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Atty. Docket Number	14097.01

METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																													
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 04-1420 Deposit Account Name: <u>DORSEY & WHITNEY LLP</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)		3. ADDITIONAL FEES <table border="1" style="width:100%"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>420</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>950</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1,480</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>2,010</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>770</td><td>385</td><td>Submission After Final 1.129</td><td></td></tr> <tr><td>330</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>330</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>290</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1,330</td><td>665</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr> <tr><td>480</td><td>240</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr> <tr><td>770</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr> <tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr> <tr><td>1,330</td><td>665</td><td>Petition to Revive - unintentional</td><td></td></tr> <tr><td colspan="3">OTHER FEE (specify)</td><td></td></tr> <tr><td colspan="3">Subtotal (3)</td><td>0</td></tr> <tr><td colspan="3">Total Amount of Payment:</td><td>\$770.00</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month		420	210	Extension for reply within second month		950	475	Extension for reply within third month		1,480	740	Extension for reply within fourth month		2,010	1,005	Extension for reply within fifth month		770	385	Submission After Final 1.129		330	165	Notice of Appeal		330	165	Filing a brief in support of an appeal		290	145	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,330	665	Utility/Reissue Issue Fee (including advance copies)		480	240	Design Issue Fee (inc. advance copies)		770	385	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,330	665	Petition to Revive - unintentional		OTHER FEE (specify)				Subtotal (3)			0	Total Amount of Payment:			\$770.00
Large Entity Fee	Small Entity Fee	Fee Description	Fee paid																																																																																																												
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																													
130	65	Surcharge - Late nonprovisional filing fee or oath																																																																																																													
180	180	Submission of IDS																																																																																																													
40	40	Recording each patent assignment per property (times number of properties)																																																																																																													
110	55	Extension for reply within first month																																																																																																													
420	210	Extension for reply within second month																																																																																																													
950	475	Extension for reply within third month																																																																																																													
1,480	740	Extension for reply within fourth month																																																																																																													
2,010	1,005	Extension for reply within fifth month																																																																																																													
770	385	Submission After Final 1.129																																																																																																													
330	165	Notice of Appeal																																																																																																													
330	165	Filing a brief in support of an appeal																																																																																																													
290	145	Request for oral hearing																																																																																																													
110	55	Terminal Disclaimer Fee																																																																																																													
130	130	Petitions to the Commissioner																																																																																																													
50	50	Petitions related to provisional applications																																																																																																													
1,330	665	Utility/Reissue Issue Fee (including advance copies)																																																																																																													
480	240	Design Issue Fee (inc. advance copies)																																																																																																													
770	385	Request for Continued Examination (RCE)																																																																																																													
300	300	Publication fee for early, voluntary, or normal publication																																																																																																													
300	300	Publication fee for re-publication																																																																																																													
110	55	Petition to Revive - unavoidable																																																																																																													
1,330	665	Petition to Revive - unintentional																																																																																																													
OTHER FEE (specify)																																																																																																															
Subtotal (3)			0																																																																																																												
Total Amount of Payment:			\$770.00																																																																																																												
2. <input checked="" type="checkbox"/> Check Enclosed																																																																																																															
FEE CALCULATION <table border="1" style="width:100%"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>160</td> <td>80</td> <td><input type="checkbox"/> Provisional Filing Fee</td> </tr> <tr> <td>770</td> <td>385</td> <td><input checked="" type="checkbox"/> Utility Filing Fee</td> </tr> <tr> <td>340</td> <td>170</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>770</td> <td>385</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td colspan="2">Subtotal (1)</td> <td>\$770</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	160	80	<input type="checkbox"/> Provisional Filing Fee	770	385	<input checked="" type="checkbox"/> Utility Filing Fee	340	170	<input type="checkbox"/> Design Filing Fee	770	385	<input type="checkbox"/> Reissue Filing Fee	Subtotal (1)		\$770																																																																																												
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																													
160	80	<input type="checkbox"/> Provisional Filing Fee																																																																																																													
770	385	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																																													
340	170	<input type="checkbox"/> Design Filing Fee																																																																																																													
770	385	<input type="checkbox"/> Reissue Filing Fee																																																																																																													
Subtotal (1)		\$770																																																																																																													
2. EXTRA* CLAIM FEES <table border="1" style="width:100%"> <thead> <tr> <th>Number Claims</th> <th>Prior</th> <th>Extra</th> <th>Fee from Below*</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total 1</td> <td>- 20</td> <td>= 0</td> <td>x \$18</td> <td>= 0</td> </tr> <tr> <td>Indep. 1</td> <td>- 3</td> <td>= 0</td> <td>x \$86</td> <td>= 0</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td>=</td> <td>x</td> <td>=</td> </tr> <tr> <td colspan="4">Subtotal (2)</td> <td>0</td> </tr> </tbody> </table>		Number Claims	Prior	Extra	Fee from Below*	Fee Paid	Total 1	- 20	= 0	x \$18	= 0	Indep. 1	- 3	= 0	x \$86	= 0	Multiple Dependent Claims		=	x	=	Subtotal (2)				0																																																																																					
Number Claims	Prior	Extra	Fee from Below*	Fee Paid																																																																																																											
Total 1	- 20	= 0	x \$18	= 0																																																																																																											
Indep. 1	- 3	= 0	x \$86	= 0																																																																																																											
Multiple Dependent Claims		=	x	=																																																																																																											
Subtotal (2)				0																																																																																																											
*Calculation of Extra Claim Fees <table border="1" style="width:100%"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>86</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>290</td> <td>145</td> <td>Multiple dependent Claim</td> </tr> <tr> <td>86</td> <td>43</td> <td>Reissue independent claims over original patent</td> </tr> <tr> <td>18</td> <td>9</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	86	43	Independent claims in excess of 3	290	145	Multiple dependent Claim	86	43	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent																																																																																												
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																													
18	9	Claims in excess of 20																																																																																																													
86	43	Independent claims in excess of 3																																																																																																													
290	145	Multiple dependent Claim																																																																																																													
86	43	Reissue independent claims over original patent																																																																																																													
18	9	Reissue claims in excess of 20 and over original patent																																																																																																													

Submitted by:

CUSTOMER NUMBER 25763	DORSEY & WHITNEY LLP	Intellectual Property Department Suite 1500, 50 South Sixth Street Minneapolis, MN 55402
Name: S. Wade Johnson	Phone No.: (612) 340-8835	Fax No.: (612) 340-8856
Signature:	Reg. No.: 50,873	Date: 11-12-03

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Michael R. Oldenburg			Docket No. 14097.01
Serial No. Not Yet Known	Filing Date Herewith	Examiner Not Yet Known	Group Art Unit Not Yet Known

Invention:


IMPROVED SEAL FOR A SHAFT

Drwgs, FIGS. 1÷5 (5); IDS (2); Form PTO/SB/08A (14, in duplicate);

I hereby certify that this Appln Transmtl (1); Fee Transmtl (1); Appln Data (2); Decl (2); Spec w/Cover (10);
Check No. 973136; *(Identify type of correspondence)* Rcpt Pstcrd

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on 12 November 2003
(Date)

Kim Anderson
(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

EV 325427172 US
("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.